


## Plastics for Food industry

### **Requirements for plastic parts in direct contact with food**

EU regulations	US regulations	Other regulations
<p><i>Plastic or plastic parts in direct food contact should comply with the following EU regulations:</i></p> <p>→ Regulation (EC) no. 1935/2004 as an outline regulation            → Regulation (EC) no. 2023/2006 on good manufacturing practice (GMP) for materials and objects intended to come into contact with food.            → Regulation (EC) no. 10/2011 on materials and objects made of plastic intended to come into contact with food.</p>	<p><i>According to FDA stipulations (according to CFR Title 21 - Food and Drugs), various materials suitable for food contact are listed on the basis of a positive list:</i></p> <p>→ Part 177 contains the list of standard polymers which are suitable for single or multiple contact with food.            → In part 178, the relevant additives, production aids and dyes are listed.</p>	<p><i>Other regulations:</i></p> <p>→ NSF (National Sanitation Foundation)            → 3A-Dairy (regulations for dairy industry)            → Other</p>
<b>Compliance Package of Polyflur</b>		<b>On request</b>
<p> Polyflur provides a declaration for goods in contact with food on request,            → raw material conformity according to FDA            → (EC) no. 1935/2004 migration results tested on the semi-finished products according to (EC). 10/2011 and (EC) no. 2023/2006 (GMP)  <b>thus ensuring full traceability</b></p>		
<b>Materials standard with EU10/2011 and FDA approval</b>	<b>Other specialty products for the food industry</b>	
PTFE Modified PTFE PFA FEP ETFE PCTFE THV ECTFE PA6 PA66 POM-C natural POM-C black POM-H PETP PETP with PTFE PC PEEK natural PEEK black PTFE Rulon 641	<p>Optically detectable materials:            POM-C blue            PA6 blue            PEEK blue</p> <p>Optically detectable with improved sliding properties:            PEEK with PTFE blue</p> <p>Inductively detectable:            POM-C grey            POM-C blue            PA6 blue            PEEK blue</p>	